

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000607

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01D 5/347

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01D, H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6333511 B1 (TALMI, A), 25 December 2001 (25.12.2001), column 2, line 30 - line 56; column 11, line 25 - line 34; column 13, line 38 - line 60, figures 2,8,15-17 --	1-27
X	EP 0765039 A2 (KK TOPCON), 26 March 1997 (26.03.1997), page 2, line 14 - line 23, figures 7, 8 --	1-27
X	PATENT ABSTRACTS OF JAPAN vol.200, no. 011, 3 October 2001 (2001-03-10) & JP 2000 234941 A (CITIZEN WATCH CO LTD), 29 August 2000 (2000-08-29) abstract --	1-27

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 July 2004

Date of mailing of the international search report

13 -07- 2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Sture Elnäs /LR
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/000607

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5965879 A (LEVITON, D B), 12 October 1999 (12.10.1999), abstract --	1-27
A	GB 2126444 A (ROSEMONT ENGINEERING CO LTD), 21 March 1984 (21.03.1984), abstract --	1-27
A	US 5196900 A (PETTERSEN, A), 23 March 1993 (23.03.1993), abstract -- -----	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2004

International application No.

PCT/SE 2004/000607

US	6333511	B1	25/12/2001	AU	2787097	A	30/12/1998
				DE	69723878	D	00/00/0000
				EP	0985133	A,B	15/03/2000
				WO	9854548	A	03/12/1998
EP	0765039	A2	26/03/1997	CN	1077282	B	02/01/2002
				CN	1149708	A	14/05/1997
				JP	3168451	B	21/05/2001
				JP	9089595	A	04/04/1997
				US	5786593	A	28/07/1998
US	5965879	A	12/10/1999	NONE			
GB	2126444	A	21/03/1984	BR	8307497	A	14/08/1984
				DE	3377669	D	00/00/0000
				EP	0116636	A,B	29/08/1984
				GB	8323475	D	00/00/0000
				JP	6100479	B	12/12/1994
				JP	59501725	T	11/10/1984
				US	4631519	A	23/12/1986
				WO	8401027	A	15/03/1984
US	5196900	A	23/03/1993	AT	124132	T	15/07/1995
				AU	630606	B	05/11/1992
				AU	3418489	A	03/11/1989
				CA	1307663	A,C	22/09/1992
				DE	68923172	D,T	23/11/1995
				EP	0409875	A,B	30/01/1991
				SE	0409875	T3	
				FI	96902	B,C	31/05/1996
				FI	904988	D	00/00/0000
				JP	2779242	B	23/07/1998
				JP	3503680	T	15/08/1991
				NO	164946	B,C	20/08/1990
				NO	165046	B,C	03/09/1990
				NO	881579	A	13/10/1989
				NO	884337	A	13/10/1989
				WO	8909922	A	19/10/1989